



PTO/SB/21 (07-06)

ifn 1648

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

19

Application Number

10/506,651

Filing Date

November 16, 2004

First Named Inventor

DIMITROV, DIMITER Stanchev

Art Unit

1648

Examiner Name

HUMPHREY, Louise Wang Zhiying

Attorney Docket Number

015280-458000US

ENCLOSURES (Check all that apply)

Fee Transmittal Form



Fee Attached



Amendment/Reply- "Amendment"



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a
Provisional ApplicationPower of Attorney, Revocation
Change of Correspondence Address

Terminal Disclaimer



Request for Refund



CD, Number of CD(s) _____



Landscape Table on CD



After Allowance Communication to TC

Appeal Communication to Board
of Appeals and InterferencesAppeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify
below):

Return Postcard

Certified Copy of Priority
Document(s)Reply to Missing Parts/ Incomplete
ApplicationReply to Missing Parts
under 37 CFR 1.52 or 1.53

Remarks

The Commissioner is authorized to charge any additional fees to Deposit
Account 20-1430.**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

Townsend and Townsend and Crew LLP

Signature

Printed name

Chuan Gao

Date

May 22, 2007

Reg. No.

54,111

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature

Typed or printed name

Malinda C. Dagit

Date

22 May 2007



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On

22 May 2007

TOWNSEND and TOWNSEND and CREW LLP

By:

Malinda C. Dwyer

PATENT

Attorney Docket No.: 015280-458000US

Client Ref. No.: E-039-2002/0-US-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Dimitar S. DIMITROV et al.

Application No.: 10/506,651

Filed: November 16, 2004

For: HIV-1 ENVELOPE
GLYCOPROTEINS STABILIZED BY
FLEXIBLE LINKERS AS POTENT
ENTRY INHIBITORS AND
IMMUNOGENS

Customer No.: 45115

Confirmation No. 3349

Examiner: HUMPHREY, Louise Wang
Zhiying

Technology Center/Art Unit: 1648

AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed February 22, 2007, please enter the following amendments and remarks:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 14 of this paper.